

Ashkan Jangodaz

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📍 [ashkanjangodaz](#) [ashkanjangodaz](#) 📍 Vancouver, BC, Canada 🇨🇦 Permanent resident of Canada

Currently serving as a faculty member in the School of Computing and Academic Studies (SoCAS) at the British Columbia Institute of Technology (BCIT), I bring a robust educational background with a Bachelor's in Computer Engineering from Sharif University of Technology.

Work Experience



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY

**Faculty at School of Computing and Academic Studies
(CST program), 2023-08 to Pres.**

[British Columbia Institute of Technology](#), Burnaby, BC, Canada

Courses:

- COMP 3721 - Introduction to Data Communications - [Outline](#)
- COMP 2522 - Object Oriented Programming 1 Lab - [Outline](#)
- COMP 1510 - Java Programming Methods Lab - [Outline](#)



Machine Learning Engineer, 2022-05 to Pres.

[Kids' Shield Services Inc.](#), Vancouver, BC, Canada

We're working to create a safer online environment for children by developing an AI-powered application that detects and prevents improper content across various forms of media. Our classifier uses the latest advances in LLM, NLP, Neural Networks and Machine Learning algorithms to identify improper content in texts, images, memes, and audios.

- I used a variety of machine learning tools, techniques, and specialized libraries, including Python, BERT, RoBERTa, ResNet101v2, PyTorch, SkLearn, TF, Pandas, and NumPy.



Instructor, 2023-01 to 2023-04

[Canadian College](#) - Vancouver, BC, Canada

COMP 3014 - Computer Networks II

Covered Topics:

- Network Components and Fundamentals: Mediums, OSI, TCP/IP, DNS, DHCP, VoIP, IP and Subnetting, NAT, VLAN, STP, QoS, Ports and Protocols, WLAN Components, Types, and Security, DSL, Satellite, ISDN
- Network Security: CIA, Attack types, Scanners, ACL, IDS IPS, Cryptography, Policies, VPN, Firewall



Information Technology (IT) Consultant, 2018-10 to 2020-08
Novira Asset Management - Tehran, Iran

As an IT Consultant, I collaborated with clients to identify their technology needs for software, hardware, and networks, documenting requirements and providing guidance on best practices. Throughout the software development life cycle (SDLC), I played a key role in implementing strategies and plans, conducting risk assessments to mitigate data leaks and information security breaches. I conducted feasibility studies to ensure high-quality service delivery, while also providing valuable insights on system design and testing to the IT department.

Education



Bachelor of Science in Computer Engineering, 2015-09 to 2019-09
Sharif University of Technology - Tehran, Iran

- B.Sc. Project: *Analysis, Design & Implementation of Client and Server Side Software Architecture for Smart Hospital and Clinical Information Systems*
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Professional Qualifications

- **Technical Skills:** Data Communications, Networks, Cybersecurity, Network Security, Cryptography, ML, NLP, Python, Java, Algorithms, Cloud, Linux, SQL, Project Management
 - **Tools:** Kaggle, Colab, Latex, Linux, Git, VS Code, Jupyter notebook, AWS, MS Office, Eclipse, GNS3, Cisco Packet Tracer, Acunetix
 - **Soft Skills:** Honest, Fast Learner, Strong Written and Oral Communication, Critical Thinker, Problem Solver, and Responsible
 - **Bilingual:** Persian (Farsi) Native, Fluent in English (IELTS - L: 8.5, R: 8.5, S: 7.5, W: 6.5)
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Voluntary Activities

- 2023 - Pres Blood Donor - Canadian Blood Services
- 2019 - Pres Alumni member - Sharif University of Technology - ashkan.jangodaz@alum.sharif.edu
- 2018- 2019 Teaching Assistant - Sharif University of Technology